

PATENT APPLICATION  
Docket: 2408.3775US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Gregory N. Nordgren

For: CATHETER WITH VALVED DISTAL TIP

) Art Unit  
3763

Serial No.: 09/542,503

Filing Date: April 3, 2000

Examiner: Anh Tuan Nguyen

TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
United States Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Transmitted herewith pursuant to 37 C.F.R. §1.97 for filing relative to the above-captioned United States patent application is an Information Disclosure Statement, which includes the following statements, if any, required variously by 37 C.F.R. §1.98:

- Statement of relevance of selected cited references not in the English language which are not translated.
- Statement that selected cited references are substantially cumulative of an enclosed or previously submitted reference.
- Statement that selected cited references were previously cited by or submitted to the United States Patent and Trademark Office in a prior application which is relied upon for an earlier filing date under 35 U.S.C. §120.

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A. Additional Materials Required Due to Content of Information Disclosure Statement

Transmitted are the following documents in addition to the Information Disclosure Statement as required variously under 37 C.F.R. §1.98:

- Form PTO-1449 listing seventy-seven (77) references submitted for consideration.
- Copies of seventy-seven (77) of the references listed on the Form PTO-1449. The references are compiled in a set of two (2) loose-leaf notebooks numerically tabulated to correspond to the reference number of each in the above-mentioned Form PTO-1449. The notebooks include a Table of Contents for the entire set of references.
- Specimens constituting \_\_\_\_\_ ( ) of the references listed on the Form PTO-1449.
- English translations of three (3) of the references listed on the Form PTO-1449 which are not in the English language.
- Copies of the following documents from the prosecution of a previous, related application:
  - Form PTO-1449 initialed by the Examiner; and
  - Form PTO-892

B. Additional Materials Required Due to Timing of Filing of Information Disclosure Statement

The transmitted Information Disclosure Statement is being filed within one (1) of the following four (4) time periods;

- I.  Prior to the later of either three (3) months following the filing date or the mailing of a first Office Action, as confirmed in a telephone conference conducted by the undersigned on January 17, 2001, with the Technical Center 3700 Customer Service Desk. Accordingly, no materials other than those listed above are enclosed.
- II.  Following the later of either three (3) months following the filing date or the mailing of a first Office Action, but before the mailing of a final Office Action or a Notice of Allowance. Accordingly, to secure consideration thereof, one (1) of the following is also enclosed or authorized:
  - Promptness Certificate; or

— The submission fee set forth in 37 C.F.R. §1.17 (p) in the amount of  
\_\_\_\_\_ \$240.00 is one (1) of the following:

— Enclosed in the form of Check No. \_\_\_\_\_; or

— To be paid from the deposit account of the undersigned as  
authorized in Section C below.

III. — After the mailing of a final Office Action or a Notice of Allowance, but before  
payment of the Issue Fee. Accordingly, in order to secure consideration thereof, each  
of the following are also enclosed or authorized:

— Promptness Certificate;

— Petition for Consideration; and

— The petition fee set forth in 37 C.F.R. §1.17(i)(l) in the amount  
of \$130.00 is one (1) of the following:

— Enclosed in the form of Check No. \_\_\_\_\_; or

— To be paid from the deposit account of the undersigned as  
authorized in Section C below.

IV. — After payment of the Issue Fee. Accordingly, in order to secure consideration thereof  
in a continuation application, no Information Disclosure Statement, no Form PTO-  
1449, and no copies of references are enclosed. Instead, each of the following are  
enclosed or authorized:

— Petition to Withdraw from Issue; and

— The petition fee set forth in 37 C.F.R. §1.17(i)(l) in the amount  
of \$130.00 is one (1) of the following:

— Enclosed in the form of Check No. \_\_\_\_\_; or

— To be paid from the deposit account of the undersigned as  
authorized in Section C below.

C. Fees

The Commissioner is hereby authorized to charge payment of or any deficiency in the following fees associated with this communication, or to credit any overpayment thereof, to Deposit Account No. 20-1469.

- Any fee required in relation to filing of this letter or any documents transmitted therewith.
- The submission fee set forth in 37 C.F.R. §1.17(p) in the event that 37 C.F.R. §1.97(c) applies and the Examiner is not satisfied that any Promptness Certificate submitted meets the requirements of 37 C.F.R. §1.97(e)
- The submission fee set forth in 37 C.F.R. §1.17(p).
- The petition fee set forth in 37 C.F.R. §1.17(i)(l).
- Copies in duplicate of this letter are enclosed.

DATED this 18<sup>th</sup> day of January, 2001.

Respectfully submitted,



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Attorney for Applicant  
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Docket: 2408.3775US

PATENT APPLICATION  
Docket: 2408.3775US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## **CERTIFICATE OF HAND DELIVERY**

I certify that the correspondence listed below is being hand delivered to Group Art Unit 3763  
on January 19, 2001.

Noreen A. Fabean  
NOREEN A. FABEAN

Transmitted: Transmittal for Information Disclosure Statement (4 pages)  
Information Disclosure Statement (9 pages)  
Form PTO-1449 (5 pages)  
Two (2) loose-leaf notebooks containing tabulated dividers, Table of Contents, and  
copies of seventy-seven (77) references  
Table of Contents (5 pages)  
Postcard

Docket: 2408.3775US

KSB/jml

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JAN 19 2001  
TECHNOLOGY CENTER 37000

PATENT APPLICATION  
Docket: 2408.3775US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Gregory N. Nordgren

For: CATHETER WITH VALVED DISTAL TIP

) Art Unit

) 3763

Serial No.: 09/542,503

Filing Date: April 3, 2000

Examiner: Anh Tuan Nguyen

TECHNOLOGY CENTER 3700

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JAN 19 2001

Commissioner for Patents  
United States Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98(a)(1), transmitted herewith is a Form PTO-1449 containing a list of all patents, publications, or other references that have come to the attention of one or more of the individuals identified in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. § 102 or § 103, the transmitted list of references is disclosed in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56.

No representation is made that a specific search of office files or Patent Office records has been conducted, or that no better art exists. Nevertheless, the undersigned attorney of record

believes that the transmitted references constitute art that is the closest to the claimed invention taken in its entirety of which the undersigned is presently aware, and no art which is closer to the claimed invention taken in its entirety has been knowingly withheld.

The references listed on the transmitted Form PTO-1449 are below classified for the convenience of the Examiner in one of the following categories of references set forth for differing treatment in accordance with the subsections of 37 C.F.R. §1.98.

#### I. NEWLY CITED ENGLISH LANGUAGE REFERENCES

The following of the references listed on the transmitted Form PTO-1449 are in the English language and have not to the knowledge of the undersigned attorney been previously submitted to or cited by the United States Patent and Trademark Office:

##### 1. United States Patent Documents

| <u>Patent No.</u> | <u>Issue Date</u> | <u>Patentee</u> |
|-------------------|-------------------|-----------------|
| 1,719,428         | 07/02/29          | Friedman        |
| 2,393,033         | 01/15/46          | Ellinwood       |
| 2,616,429         | 11/04/52          | Merenlender     |
| 3,020,913         | 02/13/62          | Heyer           |
| 3,111,125         | 11/19/63          | Schulte         |
| 3,131,712         | 05/05/64          | Risley et al.   |
| 3,303,846         | 02/14/67          | Ogle            |
| 3,525,357         | 08/25/70          | Koreski         |
| 3,654,932         | 04/11/72          | Newkirk et al.  |
| 3,734,126         | 05/22/73          | Weaver          |

(continued)

1. United States Patent Documents (continued)

| <u>Patent No.</u> | <u>Issue Date</u> | <u>Patentee</u>   |
|-------------------|-------------------|-------------------|
| 3,799,172         | 03/26/74          | Szpur             |
| 3,865,666         | 02/11/75          | Shoney            |
| 3,885,561         | 05/27/75          | Cami              |
| 3,888,249         | 06/10/75          | Spencer           |
| 3,995,617         | 12/07/76          | Watkins et al.    |
| 4,003,398         | 01/18/77          | Duveau            |
| 4,029,104         | 06/14/77          | Kerber            |
| 4,143,853         | 03/13/79          | Abramson          |
| 4,240,434         | 12/23/80          | Newkirk           |
| 4,327,722         | 05/04/82          | Groshong et al.   |
| 4,341,239         | 07/27/82          | Atkinson          |
| 4,431,426         | 02/14/84          | Groshong et al.   |
| 4,434,810         | 03/06/84          | Atkinson          |
| 4,475,898         | 10/09/84          | Brodner et al.    |
| 4,529,399         | 07/16/85          | Groshong et al.   |
| 4,549,879         | 10/29/85          | Groshong et al.   |
| 4,559,046         | 12/17/85          | Groshong et al.   |
| 4,601,697         | 07/22/86          | Mammolenti et al. |
| 4,657,536         | 04/14/87          | Dorman            |
| 4,671,796         | 06/09/87          | Groshong et al.   |
| 4,685,905         | 08/11/87          | Jeanneret nee Aab |
| 4,701,166         | 10/20/87          | Groshong et al.   |
| 4,737,152         | 04/12/88          | Alchas            |

(continued)

1. United States Patent Documents (continued)

| <u>Patent No.</u> | <u>Issue Date</u> | <u>Patentee</u>    |
|-------------------|-------------------|--------------------|
| 4,753,640         | 06/28/88          | Nichols et al.     |
| 4,973,319         | 11/27/90          | Melsky             |
| 4,995,863         | 02/26/91          | Nichols et al.     |
| 5,000,745         | 03/19/91          | Guest et al.       |
| 5,004,455         | 04/02/91          | Greenwood et al.   |
| 5,030,210         | 07/09/91          | Alchas             |
| 5,084,015         | 01/28/92          | Moriuchi           |
| 5,085,635         | 02/04/92          | Cragg              |
| 5,112,301         | 05/12/92          | Fenton, Jr. et al. |
| 5,147,318         | 09/15/92          | Hohn               |
| 5,147,332         | 09/15/92          | Moorehead          |
| 5,160,325         | 11/03/92          | Nichols et al.     |
| 5,163,921         | 11/17/92          | Feiring            |
| 5,180,364         | 01/19/93          | Ginsburg           |
| 5,190,524         | 03/02/93          | Wex                |
| 5,215,527         | 06/01/93          | Beck et al.        |
| 5,224,938         | 07/06/93          | Fenton, Jr.        |
| 5,250,034         | 10/05/93          | Appling et al.     |
| 5,261,885         | 11/16/93          | Lui                |
| 5,267,979         | 12/07/93          | Appling et al.     |
| 5,290,263         | 03/01/94          | Wigness et al.     |
| 5,304,155         | 04/19/94          | Lui                |
| 5,522,807         | 06/04/96          | Luther             |

(continued)

1. United States Patent Documents (continued)

| <u>Patent No.</u> | <u>Issue Date</u> | <u>Patentee</u>   |
|-------------------|-------------------|-------------------|
| 5,554,136         | 09/10/96          | Luther            |
| 5,573,509         | 11/12/96          | Thornton          |
| 5,738,666         | 04/14/98          | Watson et al.     |
| 5,776,096         | 07/07/98          | Fields            |
| 5,800,411         | 09/01/98          | Nakada et al.     |
| 5,807,348         | 09/15/98          | Zinger et al.     |
| 5,807,349         | 09/15/98          | Person et al.     |
| 5,807,356         | 09/15/98          | Finch, Jr. et al. |
| 5,814,024         | 09/29/98          | Thompson et al.   |
| 5,928,203         | 07/27/99          | Davey et al.      |
| 5,984,903         | 11/16/99          | Nadal             |
| 6,120,483         | 09/19/00          | Davey et al.      |

2. Foreign Patent Documents

| <u>Country</u> | <u>Document Number</u> | <u>Date</u> |
|----------------|------------------------|-------------|
| Europe         | 191,154                | 08/20/86    |
| Europe         | 328,332                | 08/16/89    |
| Europe         | 351,864                | 01/24/90    |
| Europe         | 864,336                | 09/16/98    |
| France         | 2,707,505              | 01/20/95    |
| Germany        | 3,724,978              | 02/09/89    |
| Great Britain  | 727,959                | 04/13/55    |
| PCT            | WO 80/02230            | 10/30/80    |
| PCT            | WO 90/09204            | 08/23/90    |

3. Other References

-- none --

Pursuant to 37 C.F.R. §1.98(a)(2), a copy of each of the above-listed references is enclosed.

II. NEWLY CITED UNTRANSLATED REFERENCES NOT IN THE ENGLISH LANGUAGE

The following of the references listed on the transmitted Form PTO-1449 is not in the English language and has not to the knowledge of the undersigned attorney been previously submitted to or cited by the United States Patent and Trademark Office.

No English-language translation of the following references is, however, within the custody or confine or is readily available to any individual designated in 37 C.F.R. § 1.56(c).

Accordingly, pursuant to 37 C.F.R. §1.98(a)(2), a copy of the reference is enclosed, and a concise explanation of the understood relevance thereof is also provided below:

German Patent Publication No. 3,724,978 to Hans Imhof. The English abstract

attached as the last page of this reference indicates that the reference discloses a catheter provided with a one-way check valve 2 at the distal end thereof. Check valve 2 is comprised of an elastic material configured as a cylindrical sleeve with one closed hemispherical tip. The opposite end of check valve 2 is secured to the exterior of the distal end of a catheter tube 1.

A slit 12 through the hemispherical tip of check valve 2 permits the infusion of fluid from the interior of catheter tube 1 to the exterior of check valve 2.

III. COMMENT ON THE FORM IN WHICH COPIES OF THE  
REFERENCES ARE BEING SUBMITTED

In view of the relatively substantial number of references listed above, the actual copies of those references are being submitted in a set of two (2) loose-leaf notebooks.

In the notebooks, the references are numerically tabulated, so that the number of each is the same as the reference number for each on the accompanying form PTO-1449.

Each of the notebooks includes a Table of Contents for the entire set of references.<sup>1</sup>

It is respectfully hoped that the above-described form in which the actual copies of the identified references are submitted will facilitate an efficient evaluation thereof.

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<sup>1</sup> For the completeness of the written record, submitted herewith is an extra copy of the Table of Contents for the notebooks separate and apart from the copies included in each of the notebooks.

In addition, it should be noted that among the references submitted the following are considered by the undersigned to be particularly relevant<sup>2</sup> to the general subject matter disclosed in the above-captioned application:

1. United States Patent Documents

| <u>Patent No.</u> | <u>Issue Date</u> | <u>Patentee</u> | PTO-1449<br><u>Reference Identification</u> <sup>3</sup> |
|-------------------|-------------------|-----------------|--|
| 4,973,319         | 11/27/90          | Melsky          | A35  |
| 5,030,210         | 07/09/91          | Alchias         | A39  |
| 5,261,885         | 11/16/93          | Lui             | A52  |
| 5,304,155         | 04/19/94          | Lui             | A55  |
| 5,522,807         | 06/04/96          | Luther          | A56  |
| 5,554,136         | 09/10/96          | Luther          | A57  |
| 5,928,203         | 07/27/99          | Davey et al.    | A66  |
| 5,984,903         | 11/16/99          | Nadal           | A67  |

2. Foreign Patent Documents

| <u>Country</u> | <u>Document Number</u> | <u>Date</u> | PTO-1449<br><u>Reference Identification</u> <sup>3</sup> |
|----------------|------------------------|-------------|--|
| France         | 2,707,505              | 01/20/95    | A73  |
| Great Britain  | 727,959                | 04/13/55    | A75  |

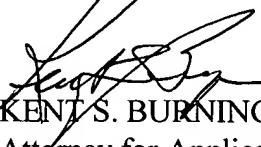
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<sup>2</sup> Other references may in the opinion of an Examiner be of greater relevance, depending upon the recitations of a claim relative to which patentability is being evaluated.

<sup>3</sup> Corresponds to tab number of reference in accompanying notebooks of references.

DATED this 18<sup>th</sup> day of January, 2001.

Respectfully submitted,

  
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Registration No. 30,453

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Docket: 2408.3775US

Applicant: Gregory N. Nordgren  
 Serial No.: 09/542,503  
 Filing Date: April 3, 2000  
 For: CATHETER WITH VALVED DISTAL END

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Sheet 1 of 5

JAN 19 2001 Att'y Docket No. 2408.3775US  
 Group: 3763

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

| Examiner Initial* | Patent Number | Issue Date | Name            | Class | Sub Class | Filing Date |
|-------------------|---------------|------------|-----------------|-------|-----------|-------------|
| A1                | 1,719,428     | 07/02/29   | Friedman        | 604   | 105       | 05/21/27    |
| A2                | 2,393,033     | 01/15/46   | Ellinwood       | 174   | 40        | 05/06/42    |
| A3                | 2,616,429     | 11/04/52   | Merenlender     | 128   | 350       | 08/27/51    |
| A4                | 3,020,913     | 02/13/62   | Heyer           | 128   | 350       | 07/15/58    |
| A5                | 3,111,125     | 11/19/63   | Schulte         | 128   | 350       | 11/06/61    |
| A6                | 3,131,712     | 05/05/64   | Risley et al.   | 137   | 318       | 05/12/60    |
| A7                | 3,303,846     | 02/14/67   | Ogle            | 128   | 218       | 10/08/63    |
| A8                | 3,525,357     | 08/25/70   | Koreski         | 137   | 516.11    | 11/18/68    |
| A9                | 3,654,932     | 04/11/72   | Newkirk et al.  | 128   | 350 V     | 11/26/69    |
| A10               | 3,734,126     | 05/22/73   | Weaver          | 137   | 512.15    | 06/16/71    |
| A11               | 3,799,172     | 03/26/74   | Szpur           | 138   | 349 R     | 09/25/72    |
| A12               | 3,865,666     | 02/11/75   | Shoney          | 156   | 245       | 05/08/73    |
| A13               | 3,885,561     | 05/27/75   | Cami            | 128   | 214       | 08/12/74    |
| A14               | 3,888,249     | 06/10/75   | Spencer         | 128   | 214 R     | 11/02/73    |
| A15               | 3,995,617     | 12/07/76   | Watkins et al.  | 128   | 1 D       | 05/31/72    |
| A16               | 4,003,398     | 01/18/77   | Duveau          | 137   | 512       | 03/17/75    |
| A17               | 4,029,104     | 06/14/77   | Kerber          | 128   | 348       | 03/08/76    |
| A18               | 4,143,853     | 03/13/79   | Abramson        | 251   | 149.1     | 07/14/77    |
| A19               | 4,240,434     | 12/23/80   | Newkirk         | 128   | 350 V     | 10/10/78    |
| A20               | 4,327,722     | 05/04/82   | Groshong et al. | 128   | 214.4     | 08/20/79    |
| A21               | 4,341,239     | 07/27/82   | Atkinson        | 137   | 493       | 07/14/80    |
| A22               | 4,431,426     | 02/14/84   | Groshong et al. | 604   | 280       | 10/03/80    |

Examiner:

Date Considered:

Applicant: Gregory N. Nordgren

Serial No.: 09/542,503

Att'y Docket No. 2408.3775US

Filing Date: April 3, 2000

Group: 3763

For: CATHETER WITH VALVED DISTAL TIP

U.S. Patent Documents

| Examiner Initial* | Patent Number | Issue Date | Name               | Class | Sub Class | Filing Date |
|-------------------|---------------|------------|--------------------|-------|-----------|-------------|
| A23               | 4,434,810     | 03/06/84   | Atkinson           | 137   | 493       | 05/24/82    |
| A24               | 4,475,898     | 10/09/84   | Brodner et al.     | 604   | 9         | 04/26/82    |
| A25               | 4,529,399     | 07/16/85   | Groshong et al.    | 604   | 53        | 05/03/83    |
| A26               | 4,549,879     | 10/29/85   | Groshong et al.    | 604   | 247       | 05/03/83    |
| A27               | 4,559,046     | 12/17/85   | Groshong et al.    | 604   | 282       | 07/28/83    |
| A28               | 4,601,697     | 07/22/86   | Mammolenti et al.  | 604   | 43        | 12/07/84    |
| A29               | 4,657,536     | 04/14/87   | Dorman             | 604   | 247       | 03/19/81    |
| A30               | 4,671,796     | 06/09/87   | Groshong et al.    | 604   | 247       | 10/25/85    |
| A31               | 4,685,905     | 08/11/87   | Jeanneret nee.Aab  | 604   | 247       | 05/19/86    |
| A32               | 4,701,166     | 10/20/87   | Groshong et al.    | 604   | 247       | 10/02/86    |
| A33               | 4,737,152     | 04/12/88   | Alchas             | 604   | 256       | 07/02/86    |
| A34               | 4,753,640     | 06/28/88   | Nichols et al.     | 604   | 247       | 10/06/86    |
| A35               | 4,973,319     | 11/27/90   | Melsky             | 604   | 247       | 05/10/89    |
| A36               | 4,995,863     | 02/26/91   | Nichols et al.     | 604   | 247       | 02/25/88    |
| A37               | 5,000,745     | 03/19/91   | Guest et al.       | 604   | 256       | 11/18/88    |
| A38               | 5,004,455     | 04/02/91   | Greenwood et al.   | 604   | 43        | 07/17/89    |
| A39               | 5,030,210     | 07/09/91   | Alchas             | 604   | 247       | 02/08/88    |
| A40               | 5,084,015     | 01/28/92   | Moriuchi           | 604   | 96        | 05/15/89    |
| A41               | 5,085,635     | 02/04/92   | Cragg              | 604   | 96        | 05/18/90    |
| A42               | 5,112,301     | 05/12/92   | Fenton, Jr. et al. | 604   | 30        | 06/19/91    |
| A43               | 5,147,318     | 09/15/92   | Hohn               | 604   | 174       | 03/04/91    |
| A44               | 5,147,332     | 09/15/92   | Moorehead          | 604   | 247       | 05/17/91    |
| A45               | 5,160,325     | 11/03/92   | Nichols et al.     | 604   | 247       | 01/22/91    |
| A46               | 5,163,921     | 11/17/92   | Feiring            | 604   | 247       | 10/04/90    |

Examiner:

Date Considered:

Applicant: Gregory N. Nordgren  
 Serial No.: 09/542,503  
 Filing Date: April 3, 2000  
 For: CATHETER WITH VALVED DISTAL TIP

Att'y Docket No. 2408.3775US  
 Group: 3763

U.S. Patent Documents

| Examiner<br><u>Initial*</u> | Patent<br><u>Number</u> | Issue<br><u>Date</u> | Name              | Class | Sub<br><u>Class</u> | Filing<br><u>Date</u> |
|-----------------------------|-------------------------|----------------------|-------------------|-------|---------------------|-----------------------|
| _____ A47                   | 5,180,364               | 01/19/93             | Ginsburg          | 604   | 53                  | 07/03/91              |
| _____ A48                   | 5,190,524               | 03/02/93             | Wex               | 604   | 80                  | 02/08/91              |
| _____ A49                   | 5,215,527               | 06/01/93             | Beck et al.       | 604   | 164                 | 12/12/91              |
| _____ A50                   | 5,224,938               | 07/06/93             | Fenton, Jr.       | 604   | 247                 | 03/18/92              |
| _____ A51                   | 5,250,034               | 10/05/93             | Appling et al.    | 604   | 164                 | 08/07/91              |
| _____ A52                   | 5,261,885               | 11/16/93             | Lui               | 604   | 247                 | 07/14/92              |
| _____ A53                   | 5,267,979               | 12/07/93             | Appling et al.    | 604   | 247                 | 07/21/92              |
| _____ A54                   | 5,290,263               | 03/01/94             | Wigness et al.    | 604   | 247                 | 07/27/92              |
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| _____ A56                   | 5,522,807               | 06/04/96             | Luther            | 604   | 264                 | 09/07/94              |
| _____ A57                   | 5,554,136               | 09/10/96             | Luther            | 604   | 264                 | 02/27/95              |
| _____ A58                   | 5,573,509               | 11/12/96             | Thornton          | 604   | 102                 | 11/22/94              |
| _____ A59                   | 5,738,666               | 04/14/98             | Watson et al.     | 604   | 264                 | 07/10/96              |
| _____ A60                   | 5,776,096               | 07/07/98             | Fields            | 604   | 43                  | 06/06/96              |
| _____ A61                   | 5,800,411               | 09/01/98             | Nakada et al.     | 604   | 280                 | 09/06/96              |
| _____ A62                   | 5,807,348               | 09/15/98             | Zinger et al.     | 604   | 246                 | 05/15/97              |
| _____ A63                   | 5,807,349               | 09/15/98             | Person et al.     | 604   | 247                 | 03/10/97              |
| _____ A64                   | 5,807,356               | 09/15/98             | Finch, Jr. et al. | 604   | 284                 | 10/04/95              |
| _____ A65                   | 5,814,024               | 09/29/98             | Thompson et al.   | 604   | 246                 | 11/27/96              |
| _____ A66                   | 5,928,203               | 07/27/99             | Davey et al.      | 604   | 247                 | 10/01/97              |
| _____ A67                   | 5,984,903               | 11/16/99             | Nadal             | 604   | 256                 | 12/11/96              |
| _____ A68                   | 6,120,483               | 09/19/00             | Davey et al.      | 604   | 247                 | 03/19/99              |

Examiner:

Date Considered:

Applicant: Gregory N. Nordgren  
 Serial No.: 09/542,503  
 Filing Date: April 3, 2000  
 For: CATHETER WITH VALVED DISTAL TIP

Att'y Docket No. 2408.3775US  
 Group: 3763

Foreign Patent Documents

| Examiner Initial* | Document Number | Publ. Date | Country or Patent Office | Sub Class | Class | Trans-lation |
|-------------------|-----------------|------------|--------------------------|-----------|-------|--------------|
| _____ A69         | 191,154         | 08/20/86   | Europe                   | A61M      | 25/00 | Yes          |
| _____ A70         | 328,332         | 08/16/89   | Europe                   | A61M      | 25/00 | N/A          |
| _____ A71         | 351,864         | 01/24/90   | Europe                   | A61M      | 25/00 | Yes          |
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Other Documents

(including author (if listed), title, relevant pages, date of publication including at least month and year).

-- none --

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### References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1", "A2", etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A", "B", "C", etc. on Office Action Form PTO-1142.

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Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PATENT APPLICATION  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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CATHETER WITH VALVED DISTAL TIP

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The notebooks to which this is attached contains copies of references made of record in the prosecution of the above-referenced application.

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A. U.S. Patent Documents

| <u>Tab No.</u> | <u>U.S. Patent No.</u> | <u>Inventor(s)</u> | <u>Date of Issue</u> |
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| 1              | 1,719,428              | Friedman           | 07/02/29             |
| 2              | 2,393,033              | Ellinwood          | 01/15/46             |
| 3              | 2,616,429              | Merenlender        | 11/04/52             |
| 4              | 3,020,913              | Heyer              | 02/13/62             |
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| 7              | 3,303,846              | Ogle               | 02/14/67             |
| 8              | 3,525,357              | Koreski            | 08/25/70             |
| 9              | 3,654,932              | Newkirk et al.     | 04/11/72             |
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| 12             | 3,865,666              | Shoney             | 02/11/75             |
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| 14             | 3,888,249              | Spencer            | 06/10/75             |
| 15             | 3,995,617              | Watkins et al.     | 12/07/76             |
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| 18             | 4,143,853              | Abramson           | 03/13/79             |
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A. U.S. Patent Documents

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| 42             | 5,112,301              | Fenton, Jr. et al. | 05/12/92             |
| 43             | 5,147,318              | Hohn               | 09/15/92             |
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| 54             | 5,290,263              | Wigness et al.     | 03/01/94             |
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| 57             | 5,554,136              | Luther             | 09/10/96             |
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| 60             | 5,776,096              | Fields             | 07/07/98             |
| 61             | 5,800,411              | Nakada et al.      | 09/01/98             |

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| <u>Tab No.</u> | <u>U.S. Patent No.</u> | <u>Inventor(s)</u> | <u>Date of Issue</u> |
|----------------|------------------------|--------------------|----------------------|
| 62             | 5,807,348              | Zinger et al.      | 09/15/98             |
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| 64             | 5,807,356              | Finch, Jr. et al.  | 09/15/98             |
| 65             | 5,814,024              | Thompson et al.    | 09/29/98             |
| 66             | 5,928,203              | Davey et al.       | 07/27/99             |
| 67             | 5,984,903              | Nadal              | 11/16/99             |
| 68             | 6,120,483              | Davey et al.       | 09/19/00             |

B. Foreign Patent Documents

| <u>Tab No.</u> | <u>Country</u> | <u>Grant No.</u> | <u>Publication Date</u> |
|----------------|----------------|------------------|-------------------------|
| 69             | Europe         | 191,154          | 08/20/86                |
| 70             | Europe         | 328,332          | 08/16/89                |
| 71             | Europe         | 351,864          | 01/24/90                |
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| 73             | France         | 2,707,505        | 01/20/95                |
| 74             | Germany        | 3,724,978        | 02/09/89                |
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